

Docket No. 55562

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT: ENDOU, H., et al
SERIAL NO. 09/786,389
FILED: September 3, 2001
FOR: NEUTRAL AMINO ACID
TRANSPORTER AND GENE THEREOF

EXAMINER:
GROUP:

Asst. Commissioner for Patents
Box 2327
Arlington, VA 22202

.....
CERTIFICATE OF EXPRESS MAIL

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as Express mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Box 2327, Arlington, VA 22202. Express Mail No. EL932650885 US.

Date:

Dec. 7, 2001

By:

Carren L. Munde
Carren L. Munde

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the references which are listed on the attached form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed
(CHECK ONE):

X (1) within three (3) months of the filing date or before the mailing date of the First Office Action on the merits or;

___ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p) is included herein; or

___ (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

Applicants respectfully request that the Patent and Trademark Office make of record the references cited. Neither Applicants nor their attorney make any representation herein that more pertinent, albeit presently unknown art does not exist. It is anticipated that the Examiner will conduct a thorough search of the prior art and will carefully consider each of the references cited herein.

Applicants hereby authorize the Commissioner to charge any fee required with the submission of this paper to our Deposit Account 04-1105.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

55562

Application Number

09/786,389

Applicant(s)

Endou, H., et al

Filing Date

March 3, 2001

Group Art Unit

Unassigned

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA

Torrents, D., et al. "IDENTIFICATION AND CHARACTERIZATION OF A MEMBRANE PROTEIN (y+L amino acid transporter-1) that associates with 4F2 to encode the amino acid transport activity y+L. A candidate gene for lysinuric protein in tolerance." J. BIOL CHEM. Vol. 273, No. 49, 1998, pages 32437-32445, XP002178117 *the whole document*

AB

Estevez, R, Camps M; Rojas, AM.; Testar X, Deves, R.; Hediger, MA.; Zorzano, A; Palacin, M; "THE AMINO ACID TRANSPORT SYSTEM y+L/4F2hc IS A HETEROMULTIMERIC COMPLEX." Faseb, J. Vol 12, no. 13, October 1998 (1998-10), pages 1319-1329, XP002178118 *the whole document*

AC

Broer, A; Hamprecht, B; Broer, S: "DISCRIMINATION OF TWO AMINO ACID TRANSPORT ACTIVITIES IN 4F2 heavy chain-expressing Xenopus laevis oocytes." BIOCHEM J, Vol. 333, No. 3, 1 August 1988 (1998-08-01), pages 549-554, XP002178119 *the whole document*

AD

Gottesdiener, et al: "ISOLATION AND STRUCTURAL CHARACTERIZATION OF THE HUMAN 4f2 HEAVY-CHAIN GENE, AN INDUCIBLE GENE INVOLVED IN T-LYMPHOCYTE ACTIVATION" MOLECULAR AND CELLULAR BIOLOGY, Vol. 8 No 9, September 1988 (1988-09), pages 3809-3819, XP0010255922 *the whole document*

AE

Spindler, et al.: "CHARACTERIZATION OF EARLY ALDOSTERONE-INDUCED RNAs IDENTIFIED IN A6 KIDNEY EPITHELIA" Pflugers Arch, Vol.434, 1997, pages 323-333, XP00110259924 *the whole document*

AF

Broer, et al: "ASSOCIATION OF 4F2hc WITH LIGHT CHAINS LAT1, LAT2 OR y+LAT2 REQUIRES DIFFERENT DOMAINS" Biochem, J., Vol. 355, No. 3, 1 May 2001 (2001-05-01), pages 725-731, XP001025945 *the whole document*

AG

Wells, RG, et al; "THE 4F2 ANTIGEN HEAVY CHAIN INDUCES UPTAKE OF NEUTRAL AND DIBASIC AMINO ACIDS IN XENOPUS OOCYTES" J. Biol Chem. Vol. 267, No. 22, 5 August 1992 (1992-08-05), pages 15285-15288 XP002178120 *the whole document*

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DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.